

Converting Colors

Hex(038741)

Have a look what the booklet for
Hex(038741) contains.

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Color

Hex(038741)

Conversions

Conversions Part 1

Format	Color
Hex	038741
RGB	3, 135, 65
RGB Percent	1%, 53%, 25%
CMY	0.9882, 0.4706, 0.7451
CMYK	0.98, 0.00, 0.52, 0.47
HSL	148°, 96%, 27%
HSV	148°, 98%, 53%
XYZ	9.6557, 17.7290, 7.9142
YIQ	87.5520, -56.2020, -49.7540

Conversions

Conversions Part 2

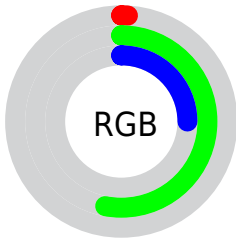
Format	Color
RYB	3, 93, 135
Decimal	231233
CIELab	49.17, -47.58, 28.89
CIELCh	49, 55.667, 148.739
Yxy	17.7290, 0.2735, 0.5023
Android (android.graphics.Color)	4278421313 (0xFF038741)
YUV	87.5520, -11.1181, -74.1521
Hunter-Lab	42.1058, -32.7516, 18.3300

Details

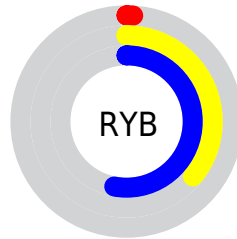
The Hex color **038741** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **870349**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **52BD72**, and **005412** is the 20% darker color. If you saturate the color by 10%, you get **00873F**, and if you desaturate by 10%, it is **108748**.

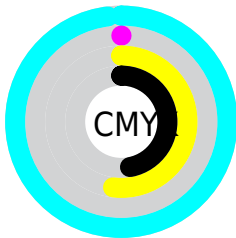
Distribution



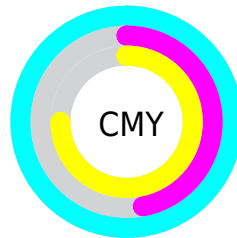
- Red (1%)
- Green (53%)
- Blue (25%)



- Red (1%)
- Yellow (36%)
- Blue (53%)



- Cyan (98%)
- Magenta (0%)
- Yellow (52%)
- Black (47%)



- Cyan (99%)
- Magenta (47%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 038741 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 038741 by changing the saturation by 10% instead.

 038741

 038741

FFFFFF

 006D2A

 52BD72

 005412

 6FDA8C

 003B00

 8BF6A7

 002600

 A8FFC2

 000000

 C5FFDE

 E3FFFB

 038741

 038741

 00873F

 108748

 1E874F

 2B8756

 39875E

 468765

 54876C

 618773

 6F877A

 7D8781

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5F7F15



038741



008A71

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



038741



007BD4



C74C4A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



038741



870349

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C64579



038741



7069C8

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



038741



0086C5



AB53A7



B15F21

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



038741



008B92



AB53A7



C94759

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



038741



7DB095



498703



3A5949



D9D9D9



595959

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



038741



00B053



038783



3C423F



00823D



000301

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



870349



B0005D



870307



423C3F



820045



030001

Previews

White Background



This preview shows how the Hex color 038741 looks on a white background.

Color Contrast Check

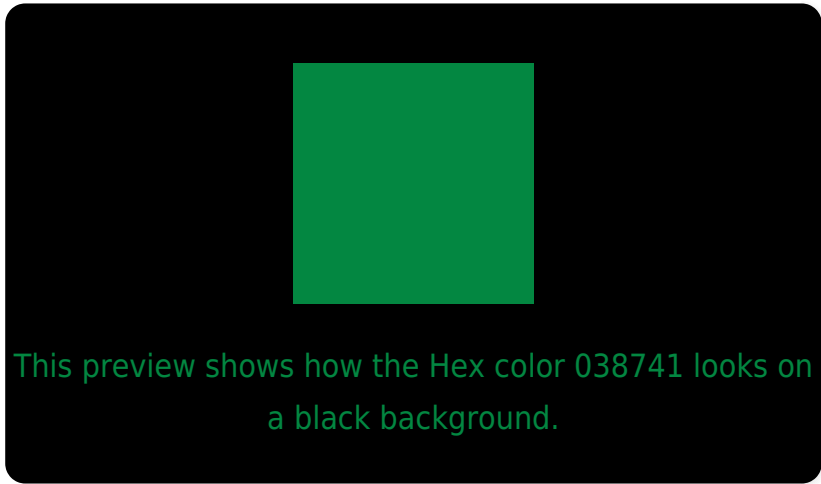
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 038741 Background



This preview shows how black text looks on a background with the Hex color 038741.



This preview shows how white text looks on a background with the Hex color 038741.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
347F89

Trichromacy



Original Color
038741



Protanomaly
537B3D



Deuteranomaly
5B7845



Tritanomaly
22826F

Monochromacy



Original Color
038741



Achromatopsia
585858



Achromatomaly
396950

CSS Examples

Text

The CSS property to change the color of the text to Hex 038741 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #038741 looks like.

```
.text, #text, p{  
    color:#038741  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #038741 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #038741
}
```

Border

The CSS property to change the border of an element to Hex 038741 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#038741 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#038741 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #038741 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #038741; -webkit-box-shadow:4px 4px  
4px 4px #038741; box-shadow:4px 4px 4px  
4px #038741 }
```

Background

The CSS property to change the background color of an element to Hex 038741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#038741 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#038741 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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